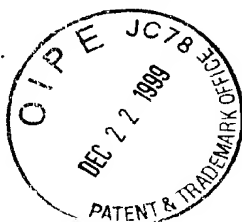


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Costa et al.

Serial No.: 09/332,522

Filed: June 14, 1999



Group Art Unit: 1632

Examiner: Shukla, R.

For: ANIMAL MODELS AND METHODS  
FOR LIPID METABOLISM AND  
SCREENING OF PHARMACEUTICAL  
AND PESTICIDAL AGENTS THAT  
MODULATE LIPID METABOLISM

Attorney Docket No.: 7326-101

AMENDMENT FEE TRANSMITTAL SHEET

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The fee required to be filed with the accompanying Preliminary Amendment of even date herewith concerning the above-identified application has been estimated to be \$-0-.

Please charge any required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150.  
A copy of this sheet is enclosed.

Respectfully submitted,

Date December 22, 1999

  
Adriane M. Antler

32,605  
(Reg. No.)

By:

  
William Thomann

40,203  
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LIPID METABOLISM

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures ("Notice to Comply"), mailed October 27, 1999, please enter the following amendments and consider the remarks below. Submitted concurrently herewith is (a) a Sequence Listing in both paper and computer readable forms pursuant to 37 C.F.R. § 1.821; (b) a Transmittal of Sequence Listing; (c) an Amendment Fee Transmittal Sheet; and (d) a Petition for an Extension of Time for Response for one month from November 27, 1999 up to and including December 27, 1999. Also enclosed is a copy of the Notice to Comply.

IN THE SPECIFICATION:

Please amend the specification as follows:

After the figures, insert pages 1 through 31 of the Sequence Listing submitted herewith.

On page 2, line 13, after "...CAC-3", insert the phrase  
-- (SEQ ID NO:30) --.